

WEEK | ISSUED

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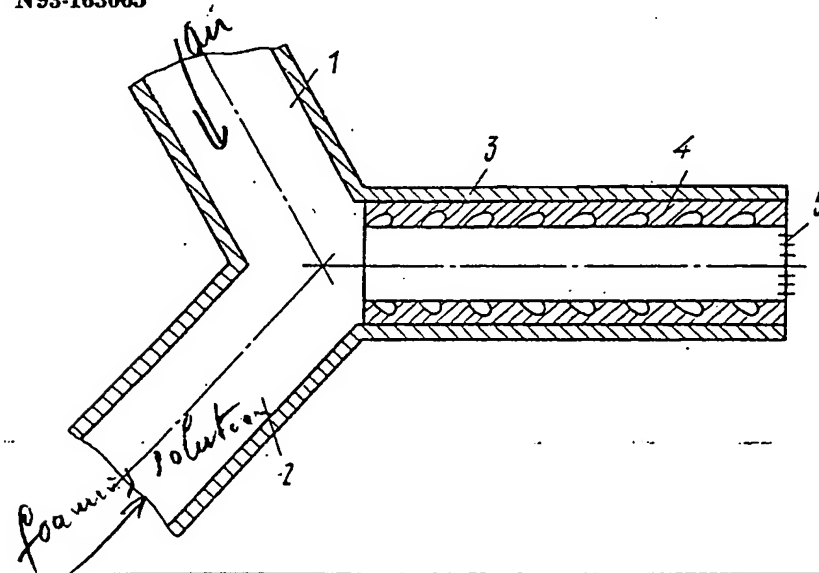
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★ KURI/ P64 93-212108/26 ★ SU 1743887-A1
 Prodn. of foam for building slurries - involves mixing foaming
 solution and air in sleeve with vortex-generating cavities
 KURILOV V V 89.12.29 89SU-4783935
 (92.06.30) B28C 5/38

Compressed air and foaming solution are fed into a vortex-
 generating sleeve (4) to create a high quality foam. The foam is
 discharged into a mixer (3). A compressed air feed pipe (1) and a
 foaming solution feed pipe (2) are set symmetrically about the axis
 of the mixing chamber.

The latter incorporates the sleeve with a series of open drop-
 shaped cavities which create turbulent flow conditions and intense
 mixing of the air and the solution. The vol. of the cavities increases
 or decreases along the length of the sleeve. The outlet end of the
 mixing chamber incorporates a grid (5).

ADVANTAGE - Improved quality of foam. (3pp Dwg.No.1/2)
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